

SAFETY DATA SHEET

PHENOLIC YELLOWING TEST PAPERS

SPECIFIC RISKS: NONE

1. IDENTIFICATION

1.1 Trade Name: Phenolic Yellowing Test Papers.

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1.2 Chemical Characterisation: Cellulose.

1.3 Uses: Indicator paper for phenolic yellowing.

2. PHYSICAL AND CHEMICAL PROPERTIES

2.1 Chemical Composition: Cellulose.

2.2 Physical State: Paper. Colour: Raw White. Odour: None

2.3 Temperature Characteristics: Non-applicable.

2.4 pH: Non-applicable.

2.5 Vapour Pressure: Cellulose is not volatile.

2.6 Density: 1.3 g/cm³ @ 20°C.

3. STORAGE AND HANDLING

- 3.1 Precautions during Storage and Handling: Stable product under normal conditions.
- 3.2 Packaging Materials:
 - a. Aluminium Foil
 - b. To be avoided: Polyethylene (BHT containing).
- 3.3 Hazardous Reactions: No hazardous reactions are known.
- 3.4 Hazardous Decomposition Products: Thermal decomposition starts above the melting point. On thermal decomposition or incomplete combustion, cellulose will generate smoke and fumes which are harmful and must not be inhaled.
- 3.5 Special Protective Measures: The chemical used in the papers may be vaporised particularly at elevated temperatures. Adequate ventilation/exhaustion should be provided. Avoid exposing to elevated temperatures <100°C.
AVOID INHALATION.
- 3.6 Personnel Protection: Safe to handle, provided that the usual standards for personal protection and industrial hygiene of the textile industry are applied.
- 3.7 Measures following Leakage/Spillage/Gas Leakage: Not applicable.

4. FIRE HAZARD

- 4.1 Auto-ignition Temperature: ca.340°C
- 4.2 Specific Fire or Explosion Hazards: Fibre is not explosive (see section 3.4).
- 4.3 Means of Extinguishing: Recommended - on small fires use dry powder or carbon dioxide extinguishers; on large fires use water.
- 4.4 Specific Fire Protective Measures: Cellulose will burn if heated. Smoke and pungent acid fumes are evolved during burning. Suitable breathing apparatus must be worn in dealing with fires involving this material. Cellulose chars above 200°C.

5. HEALTH HAZARD

- 5.1 The papers are not subject to legislation concerning toxic substances.
- 5.2 The above statements do not preclude the possibility of isolated instances of individual allergic responses which are unpredictable.
- 5.3 The papers have been tested for acute dermal irritation in accordance with the method described in the OECD Guidelines for Testing of Chemicals (1981) No.404 'Acute Dermal Irritation/Corrosion'. As a result of such testing the papers have been classed as non irritant. However it is advised that normal laboratory procedures for the safe handling of chemicals should be observed when handling the papers i.e. avoid skin contact, use gloves for handling, do not ingest and wash hands after use.

6. FIRST AID PROCEDURES

Rinse with water if allergic reaction seen. Seek medical attention.

7. SPECIAL PRECAUTIONS IN CASE OF WASTE

The product may be safely disposed of in an approved landfill area subject to all Government and Local Authority Regulations. Cellulose is biodegradable.

8. ADDITIONAL INFORMATION

Transport: GGVsec.1MDG code:
GGVW/GGVS:
UN No: RID/ADR:
ICAO/IATA-DGR:
ADNR:

No restrictions. The papers are not dangerous goods in the meaning of the regulations cited above.

9. STORAGE

The cellulose papers should be stored at ambient temperature 10 - 30°C in dry conditions.